

O. M. SCOTT & SONS COMPANY  
MATERIAL SAFETY DATA SHEET

IDENTITY (As Used On Label)

SCOTTS LAWN PRO ANNUAL PROGRAM STEP 4 LAWN FERTILIZER, 32-3-10 (ST # 23622-1, 23622-2, 2515)

Section I

Manufacturer's Name O. M. Scott & Sons Company	Emergency Telephone Number 513/644-0011
Address (Number, Street, City, State, and ZIP Code) 14111 Scottslawn Road Marysville, OH 43041	Telephone Number for Information 513/644-0011
	Date Prepared (Rev 02/17/89) 05/16/86 (0514U, Pg 1/0531U, Pg 4)
	Signature of Preparer (optional)

Section II -- Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name; CAS Number)	OSHA PEL	ACGIH TLV	Other Limits Recommended % (optional)
Monoammonium Phosphate CAS # 7722-76-1	NA	NA	NA
Urea CAS # 57-13-6	NA	NA	NA
Potassium Sulfate CAS # 7778-80-5	NA	NA	NA

Section III -- Physical/Chemical Characteristics

Boiling Point	NA	Specific Gravity (H <sub>2</sub> O = 1)	NA
Vapor Pressure (mm Hg.)	NA	Melting Point	NA
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA
Solubility in Water	NA		
Appearance and Odor	Granular		

Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used)	NA	Flammable Limits	LEL	UEL
		NA	NA	NA
Extinguishing Media	Dry chemical			
Special Fire Fighting Procedures	Use self-contained air supply			
Unusual Fire and Explosion Hazards	None known			

Section V -- Reactivity Data

Stability	Unstable		Conditions to Avoid	NA
	Stable	X		

Incompatibility (Materials to Avoid) NA

Hazardous Decomposition or Byproducts

Urea and methylene urea nitrogen sources can generate ammonia in a fire.

Hazardous Polymerization	May Occur		Conditions to Avoid	NA
	Will Not Occur	X		

Section VI -- Health Hazard Data

Route(s) of Entry: Inhalation? NA Skin? NA Ingestion? Yes

Health Hazards (Acute and Chronic)

May cause eye irritation.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Signs and Symptoms of Exposure NA

Medical Conditions

Generally Aggravated by Exposure

Possible nausea, vomiting, diarrhea - possible skin or eye irritation.

Emergency and First Aid Procedures

Induce vomiting or gastric lavage if large amounts ingested. Treat symptomatic and supportive. Wash exposed areas. If in eyes, flush with water for 15 minutes. If irritation persists, see physician.

Section VII -- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash after handling.

Waste Disposal Method

Remove to approved landfill.

Precautions to Be Taken in Handling and Storing

See label. Avoid container breakage, keep away from feed or foodstuffs. Avoid contact with skin, eyes, or clothing. Wash after handling. Keep out of reach of children. Keep out of lakes, streams, or ponds.

Section VIII -- Control Measures

Respiratory Protection (Specify Type) NA

Ventilation	Local Exhaust	NA	Special	NA
	Mechanical (General)	NA	Other	NA

Protective Gloves NA Eye Protection NA

Other Protective Clothing or Equipment NA

Work/Hygienic Practices NA